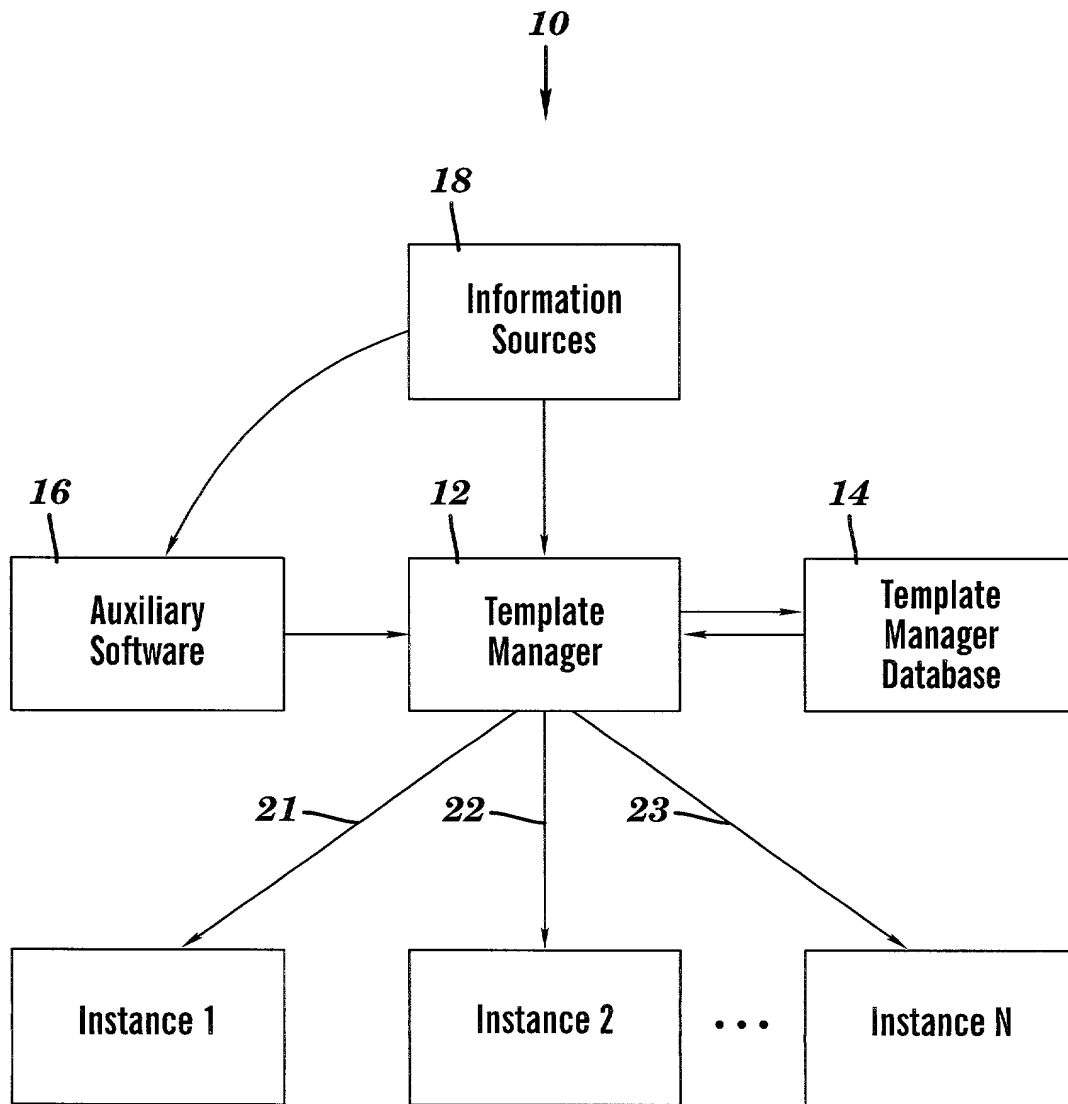
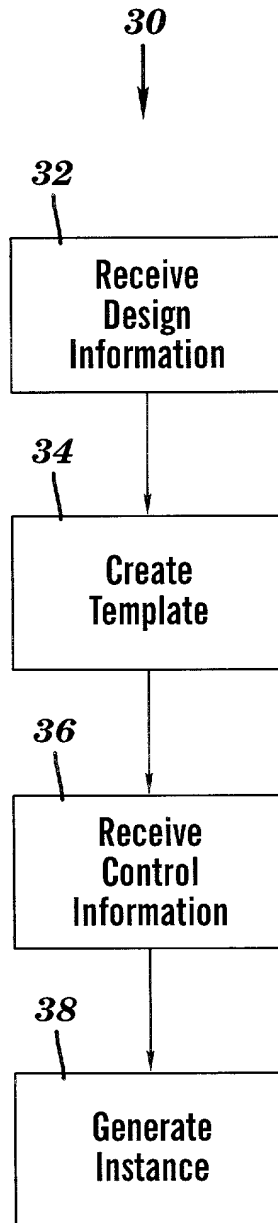


Term	Definition
Design information	Information as to how the database is organized and structured (e.g. tables, columns, data types, titling, justification, color, etc.)
Control information	1. Configuration control information Ex: locational information (e.g., server and path) Ex: administrative information (e.g., names of administrators) 2. Access control information (identification of groups and individuals having security access to views, instances, tables, etc. of a database)
View	Virtual table of data in the database
Instance	Database structured and configured in accordance with design information and control information
Template	Design information and control information underlying an instance
Template manager database	Database that includes templates and associated instances
Template manager	Computer program that manages templates and associated instances
Code	Software executed in the foreground
Agent	Software executed in the background

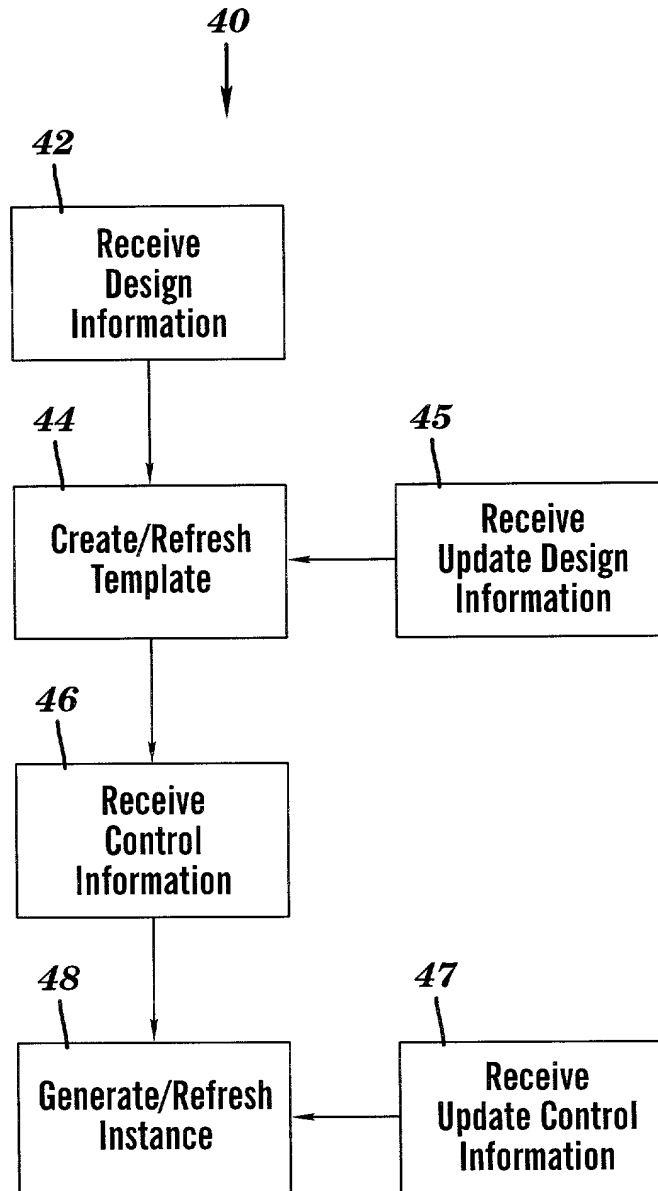
**FIG. 1**



**FIG. 2**



**FIG. 3**



**FIG. 4**

50



**Instances: Client Information Manager (CIM)**

Status	Date Last Drafted, Created, or Refreshed	Instance Identifier	Instance Server
▽ Draft	08/15/2001	CIM EQUIP1	Z/ALPHA
		CIM EQUIP2	Z/ALPHA
▷ Created	▷ 08/22/2001	CIM RESEARCH	Z/ETA/MU
▽ Refreshed	▽ 08/26/2001	CIM TELCOM	Y/A/B/C/D
		CIM BACKUP	X/BETA
	▷ 08/28/2001	CIM CLIENTS	W/GAMMA/THETA
	▽ 08/23/2001	CIM VACATION	X/BETA/T1
		CIM HOLIDAYS	X/BETA/T2

**FIG. 5**

↓

<b>Instance Identifier</b>	<b>CIM RESEARCH</b>
<b>Status</b>	<b>Created</b>
<b>Date Created</b>	<b>08/22/2001</b>
<b>Date Last Refreshed</b>	
<b>Generate configuration control document</b>	<b>Generate configuration control document</b>
<b>Location</b>	<b>Server: Z/ETA/MU Path and file: "shared/cim/research.nsf"</b>

Instance Identifier	CIM BACKUP
Status	Refreshed
Date Created	08/24/2001
Date Last Refreshed	08/26/2001
Generate configuration control document	Generate configuration control document
Location	Server: X/BETA Path and file: "split/cim/backup.abc"

**FIG. 7**



<b>Instance Identifier</b>	<b>CIM RESEARCH</b>
<b>Administrators</b>	K.D. Fay (Miami), L.B. Kent (Chicago), A.T. Elliot (Boston), J.S. Zurkoff (Miami), C.O. Anton (Baltimore)
<b>Location</b>	Server: Z/ETA/MU Path and file: "shared/cim/research.nsf"
<b>Archive Databases</b>	Server: Z/ETA/MU Path and file: "shared/cim/archive/research.nsf"



<b>Instance Identifier</b>	<b>CIM BACKUP</b>
<b>Administrators</b>	<b>F.E. George, D.E. Terrance, J.P. Glickman</b>
<b>Location</b>	<b>Server: X/BETA Path and file: "split/cim/backup.abc"</b>
<b>Archive Databases</b>	<b>Server: X/BETA Path and file: "split/cim/archive/backup.abc"</b>

**FIG. 9**

55



**Instances: Client Information Manager (CIM) - Access Control**

Instance Identifier	Group
▽ CIM RESEARCH	CIM Managers
	CIM Editors
	CIM Physicists
▽ CIM TELCOM	CIM Managers
	CIM Programmers
	B.A. Kettle
	CIM Secretaries

***FIG. 10***

099614: 09901  
100000: 9100000



56



**Group: CIM Administrators**

Instance Identifier	CIM RESEARCH
Group	CIM Managers
Group Type	Multi-purpose
Description	CIM Managers For Basic Research
Members	CIM-Managers-1, J.E. Peek

**FIG. 11**

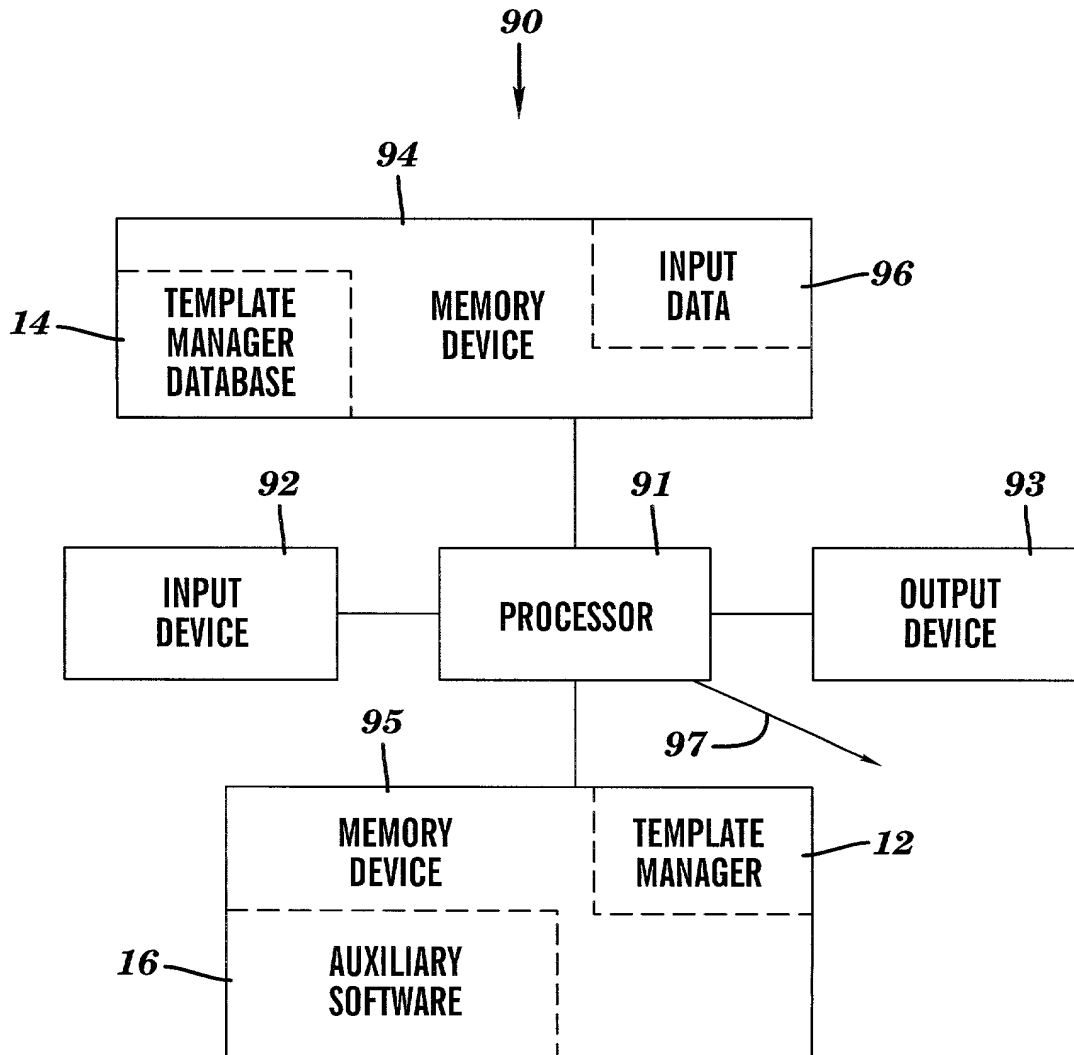
57



**Group: CIM Administrators**

Instance Identifier	CIM TELCOM
Group	CIM Managers
Group Type	Special-purpose
Description	CIM Managers For Communication
Members	S.S. Bay, R.P. Stoker, D.Y. Friend

**FIG. 12**



**FIG. 13**